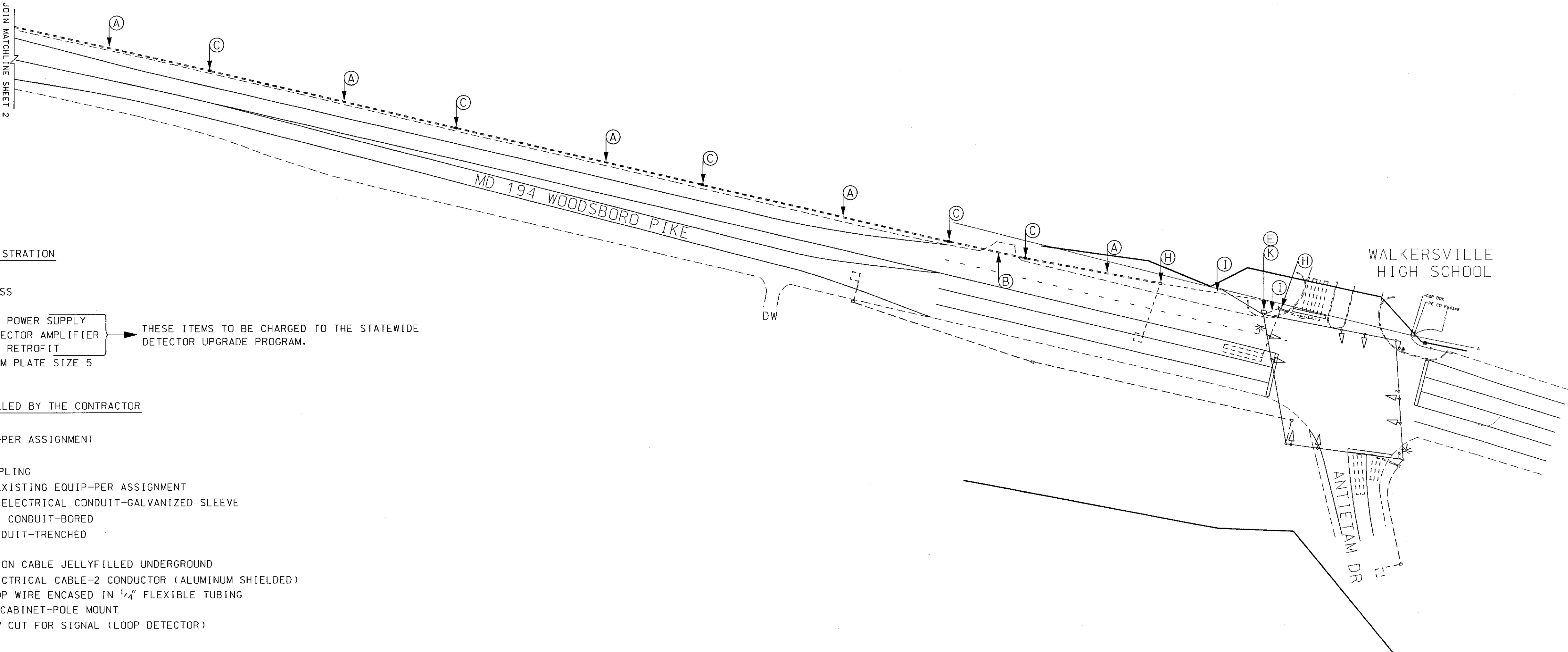


MD 194 IS CONSIDERED TO RUN IN
A NORTH SOUTH DIRECTION.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF NEW INTERCONNECT CABLE
ALONG MD 194 FROM MD 26 NORTH TO ANTIETAM DRIVE



A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM #	QUANTITY	ITEM DESCRIPTION
9000	2 EA	TELEMETRY PANEL W/HARNESS
9001	3 EA	(UPDATED) DETECTOR RACK POWER SUPPLY
9016	8 EA	(UPDATED) 4-CHANNEL DETECTOR AMPLIFIER
9046	3 EA	(UPDATED) DETECTOR RACK RETROFIT
9038	1 EA	(UPDATED) CABINET BOTTOM PLATE SIZE 5

THESE ITEMS TO BE CHARGED TO THE STATEWIDE
DETECTOR UPGRADE PROGRAM.

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	3 EA	MAINTENANCE OF TRAFFIC-PER ASSIGNMENT
2002	2 CY	TEST PIT EXCAVATION
8003	1 EA	F&I 3/4" TO 3" BLIND COUPLING
8014	1 EA	REMOVE AND DISPOSE OF EXISTING EQUIP-PER ASSIGNMENT
8024	50 LF	FURNISH AND INSTALL 1" ELECTRICAL CONDUIT-GALVANIZED SLEEVE
8028	250 LF	F&I 3" SCH 80 RIGID PVC CONDUIT-BORED
8031	5700 LF	3" SCH 80 RIGID PVC CONDUIT-TRENCHED
8045	31 EA	F&I ELECTRICAL HANDHOLE
8063	8000 LF	F&I 12 PAIR COMMUNICATION CABLE JELLYFILLED UNDERGROUND
8076	750 LF	FURNISH AND INSTALL ELECTRICAL CABLE-2 CONDUCTOR (ALUMINUM SHIELDED)
8082	525 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4" FLEXIBLE TUBING
8089	1 EA	INSTALL CONTROLLER AND CABINET-POLE MOUNT
8083	160 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)

C. EQUIPMENT THAT IS TO BE RETURNED TO THE ADMINISTRATION

ALL EQUIPMENT THAT IS REMOVED IN ACCORDANCE WITH THESE PLANS SHALL
BECOME THE PROPERTY OF THE CONTRACTOR.

CONSTRUCTION DETAILS

- A. INSTALL 3" SCH 80 PVC CONDUIT-TRENCHED WITH JELLYFILLED 12 PAIR COMMUNICATION CABLE
- B. INSTALL 3" SCH 80 PVC CONDUIT-BORED WITH JELLYFILLED 12 PAIR COMMUNICATION CABLE
- C. INSTALL ELECTRICAL HANDHOLE
- D. ROUTE PROPOSED 12 PAIR COMMUNICATION CABLE INTO EXISTING CABINET
- E. REMOVE EXISTING CABINET BASE PLATE, INSTALL NEW CABINET BASE PLATE WITH 3" BLIND COUPLING
REMOVE EXISTING 2" COUPLING
- F. INSTALL 6X6 LOOP DETECTOR (4-TURNS)
- G. INSTALL 1" GALVANIZED CONDUIT FOR DETECTOR WIRE SLEEVE
- H. USE EXISTING HANDHOLE
- I. USE EXISTING CONDUIT
- J. USE EXISTING SPAN WIRE
- K. DISCONNECT, PULL BACK AND REROUTE ALL EXISTING SIGNAL CABLES THROUGH NEW 3" COUPLING

PROJECT CONTACTS

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SIGNAL OPERATIONS SECTION
410-787-7650

MR. JOHN CONCANNON
ASST DIST ENG-TRAFFIC
301-624-8141

SHA# FR4465/005 TOD# AT358-27



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 194 FROM MD 26 TO ANTIETAM DRIVE
INTERCONNECT PLAN

DRAWN BY: C. STRAIN	F.A.P. NO. N/A	TS NO. 1837	SHEET NO. 3 OF 3
CHECKED BY: A. BEALL	S.H.A. NO.		
SCALE: 1:50	COUNTY: FREDERICK	T.L.M.S. NO. F842	
DATE: 11/01/2003	LOG MILE: 10019400-00-10019401.18		